

2005-Oct-20 14:51

From-XEROX

+5854235240

T-435 P.018/019 F-164

EXHIBIT B

10228957

XEROX

DATE

SUBJECT

hyperbranched PAtc

PROJECT NO.

30

$$\begin{array}{ccccccc}
 \text{HO} & \text{+} & \text{BPA} & \text{+} & \text{dil-DPS} & \xrightarrow{\text{O}_2, \text{THF}} & \text{t-BP} \\
 \text{BPA} & & & & & \text{OH} & \\
 & & & & & | & \\
 & & & & & \text{C}_2\text{CO}_3 & \\
 & & & & & \cancel{\text{DMOZ}} / \text{toluene} &
 \end{array}$$

branched PAE

case 1 : no t-buty1 phenol (500 ml scale, course

(A)	22.5%	DMAc	<u>in case of 15.75% THPE depolymerization)</u>
15	75%	Toluene	
	38.73%	BPA	
	48.77%	di Cl-DBS	
	63.33%	C ₂ CO ₃	
	7.08%	THPE	

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(B) case 2: with t-butyl phenol (1000 ml scale copoly to
1575, MPC -cyclohexene-1,4-diene
and case A)

	450g	DMAc
	150g	Styrene
30	77.45g	BPA
	97.43g	dil-DB
	140g	C ₂ Cl ₃
	15.75g	TMP
	7.72g	TBP
35	+ 29.55g	dil-DB

WITNESSED AND UNDERSTOOD

WORK AND RECORD

SIGNED

DATE

SIGNED

• DATE

DATE

DATE